

WHAT IS CLAIMED IS:

1. A cleaning device for a shaving head portion of a shaving apparatus comprising:
 - a cleaning container for receiving the shaving head portion of the shaving apparatus;
 - 5 a chassis supporting the cleaning container;
 - a resilient element; and
 - a detent device movably suspended on the chassis wherein the resilient element biases the detent device toward a first position in which the detent device fixedly secures a replaceable reservoir holding a supply of cleaning liquid to the chassis in a positive engagement relationship therewith.
- 10 2. The cleaning device of claim 1, wherein the detent device fixedly secures the reservoir in a mounting direction provided for replacement of the reservoir.
- 15 3. The cleaning device of claim 2, wherein the securing of the reservoir by positive engagement in a direction transverse to the mounting direction of the reservoir is accomplished with the chassis.
- 20 4. The cleaning device of claim 3, wherein the resilient element comprises a compression spring.
5. The cleaning device of claim 4, wherein the detent device makes positive engagement with the reservoir in the region of the bottom of the reservoir.
- 25 6. The cleaning device of claim 4, wherein the detent device is configured as a housing part encompassing the reservoir.
7. The cleaning device of claim 4, wherein the reservoir supports the chassis.

8. The cleaning device of claim 2, wherein the securing of the reservoir by positive engagement in a direction transverse to the mounting direction of the reservoir is accomplished with components fixedly connected with the chassis.

5 9. The cleaning device of claims 2, wherein the detent device is suspended on the chassis so as to be movable in a direction transverse to the mounting direction of the reservoir.

10 10. The cleaning device of claim 9, further comprising a release element for moving the detent device, by overcoming the restoring force of the resilient element, in the direction of a second position in which the detent device releases the reservoir.

11. The cleaning device of claim 10, wherein the release element is movable in a direction transverse to the direction of movement of the detent device.

15 12. The cleaning device of claim 11, wherein the detent device makes positive engagement with the reservoir in the region of the bottom of the reservoir.

20 13. The cleaning device of claim 11, wherein the detent device is configured as a housing part encompassing the reservoir.

14. The cleaning device of claim 11, wherein the reservoir supports the chassis.

25 15. The cleaning device of claim 2, wherein the detent device is rotatably suspended on the chassis.

16. The cleaning device of claim 15, wherein the resilient element comprises a coiled strip spring.

17. The cleaning device of claim 16, wherein the detent device makes positive engagement with the reservoir in the region of the bottom of the reservoir.

18. The cleaning device of claim 16, wherein the detent device is configured
5 as a housing part encompassing the reservoir.

19. The cleaning device of claim 16, wherein the reservoir supports the chassis.

10 20. A cleaning device for a shaving head portion of a shaving apparatus comprising:
a cleaning container for receiving the shaving head portion of the shaving apparatus;
a chassis supporting the cleaning container;
15 a resilient element comprising a compression spring;
a detent device configured as a housing part encompassing a replaceable reservoir holding a supply of cleaning liquid; the detent device movably suspended on the chassis wherein the resilient element biases the detent device toward a first position in which the detent device fixedly secures the replaceable reservoir to the chassis in a mounting
20 direction provided for replacement of the reservoir; the detent device making positive engagement with the reservoir in the region of the bottom of the reservoir, the positive engagement in a direction transverse to the mounting direction of the reservoir is accomplished with the chassis; and
a release element for moving the detent device, by overcoming the restoring force
25 of the resilient element, in the direction of a second position in which the detent device releases the reservoir; the release element movable in a direction transverse to the direction of movement of the detent device.

21. A cleaning device for a shaving head portion of a shaving apparatus
30 comprising:

a cleaning container for receiving the shaving head portion of the shaving apparatus;

a chassis supporting the cleaning container;

a resilient element comprising a coiled strip spring;

5 a detent device configured as a housing part encompassing a replaceable reservoir holding a supply of cleaning liquid; the detent device rotatably suspended on the chassis wherein the resilient element biases the detent device toward a first position in which the detent device fixedly secures the replaceable reservoir to the chassis in a mounting direction provided for replacement of the reservoir; the detent device making positive
10 engagement with the reservoir in the region of the bottom of the reservoir, the positive engagement in a direction transverse to the mounting direction of the reservoir is accomplished with the chassis; and

a release element for moving the detent device, by overcoming the restoring force of the resilient element, in the direction of a second position in which the detent device
15 releases the reservoir; the release element movable in a direction transverse to the direction of movement of the detent device.

22. A replaceable reservoir for holding a supply of cleaning liquid for a cleaning device used for cleaning a shaving apparatus, wherein provision is made for at
20 least one recess for positive engagement with a detent device of the cleaning device.

23. The reservoir of claim 22, wherein the recess is formed in the bottom region of the reservoir.

25 24. A system comprised of:
a shaving apparatus that includes an actuating device for activating a cleaning function that sets the shaving apparatus in operation temporarily during cleaning; and
a cleaning device for cleaning the shaving apparatus, the cleaning device comprising:

30 a cleaning container for receiving the shaving head portion of the shaving apparatus;

a chassis supporting a cleaning container;
a resilient element; and
a detent device movably suspended on the chassis wherein the resilient element
biases the detent device toward a first end position in which the detent device fixedly
5 secures a replaceable reservoir holding a supply of cleaning liquid to the chassis in a
positive engagement relationship therewith.

25. The system of claim 24, wherein the actuating device is operable
manually.

26. The system of claim 24, wherein the actuating device is operable by the
cleaning device.

27. A method of replacing a reservoir holding a supply of cleaning liquid for a
cleaning device used for cleaning a shaving apparatus, the method comprising
moving the cleaning device and the reservoir towards one another so that the
reservoir is located in about a pre-defined mounted position relative to the cleaning
device;

in the course of the approaching movement, displacing a detent device of the
cleaning device from a first position to a second position, the second position completion
of the approaching movement so that the reservoir is located in about the pre-defined
mounted position; and

after the reservoir is located in about the pre-defined mounted position, releasing
the detent device to return the first position wherein the detent device positively engages
the reservoir to lock the reservoir in the pre-defined mounted position.

28. The method of claim 27, wherein the step of displacing the detent device
is produced automatically in the step of moving the cleaning device and the reservoir
towards one another.

29. The method of claim 27, further comprising demounting the reservoir.

30. The method of claim 29 wherein demounting the reservoir comprises:
canceling the locked condition of the reservoir by displacing the detent device;
and
5 subsequently detaching the reservoir from the cleaning device.

31. The method of claim 30, wherein canceling the locked condition of the
reservoir comprises actuating a release element.